

JIAXU LIU

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SHORT BIO

I'm a senior year undergraduate student at Australian National University(ANU) pursuing a bachelor's degree of Advanced Computing(honor), prior to joining the double degree program of ANU, I was studying computer science at Shandong University in China.

My current research is on the topic of variational auto-encoder under the supervision of Prof. Tom Gedeon, I'm also doing some summarizing works with respect to the Graphical Models which is currently under review by my thesis co-supervisor Mr. Zhenyue. My research interests include variational inferences, probabilistic graphical models, convex optimization, etc.

EDUCATION

Australian National University

July 2019 - Present

Bachelor of Advanced Computing(Honours)

ANU College of Engineering and Computer Science

GPA: 6.0/7.0(ANU), 4.0/4.0(WES)

Shandong University

2017 - 2019

Bachelor of Computer Science

School of Mechanical, Electrical & Information Engineering

Listed in "Double First-Class" universities. Project 985 & 211

GPA: 80.17/100

EXPERIENCE

Academic Tutor

July 2020 - Present

Australian National University

Casual Academic Staff, TA for course COMP3600/6466 (Algorithms). Responsibilities include:

- Facilitator in weekly interactive tutorials, assist students with lab exercises and course content
- Responsible for creating&marking assignment, quizzes, and examinations
- As a sessional academic staff, receive feedback from students, help improve teaching quality

Development Intern

Jan 2019 - Feb 2019

IIFOX Shanghai

Responsibilities include:

- Maintaining Customer relationship management (CRM) system and develop new functions within ASP.NET framework
- Cooperate with engineers in the deployment department and implement the system in various environment

Associate Representative of Students' Association

Jun 2018 - Jun 2019

Shandong University, School of Mechanical, Electrical & Information Engineering

ACM-ICPC School Team Member

Jan 2018 - Jun 2019

Shandong University, ACM-ICPC School Team

PUBLICATION

Declarative Residual Network for Robust Facial Expression Recognition

Aug 2020

Authors: Ruikai Cui, Josephine Plested & Jiaxu Liu

Organization: International Conference on Neural Information Processing (ICONIP 2020)

AWARD & ACCOMPLISHMENTS

The 10th Shandong technology festival —— The 9th Shandong Collegiate ACM Programming Contest, The Excellence Award

May 2018

Organization: Shandong Computer Federation

The 9th Lanqiao Programming Contest, Shandong Province, C/C++ Programming Collegiate A Group, The Province Second Award

Apr 2018

Organization: Talent exchange center of Ministry of industry and information technology

CCCC Group Programming Ladder Tournamen, National Finals, The Second Award

Mar 2018

Organization: Zhejiang University

Shandong University (weihai) ACM Programming Contest 2018 “New Stars”, The Silver Award

Mar 2018

Organization: Shandong University

TECHNICAL STRENGTHS

Programming & Skills(Proficient)

Programming & Skills(Familiar)

Selected Course Accomplishment

C++, C , Python, Data Structure, Algorithm, Pytorch

Ada, HTML/PHP, C#, Java

Convex Optimisation, Advanced Algorithm,

Computer Vision, Bio-inspired Computing,

Probabilistic Graphical Models